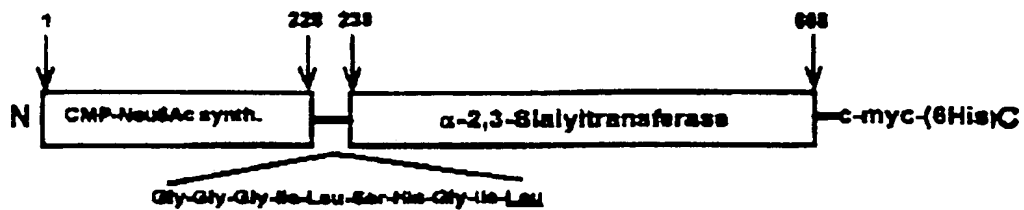


Figure 1:



03647371 16071250

Figure 2

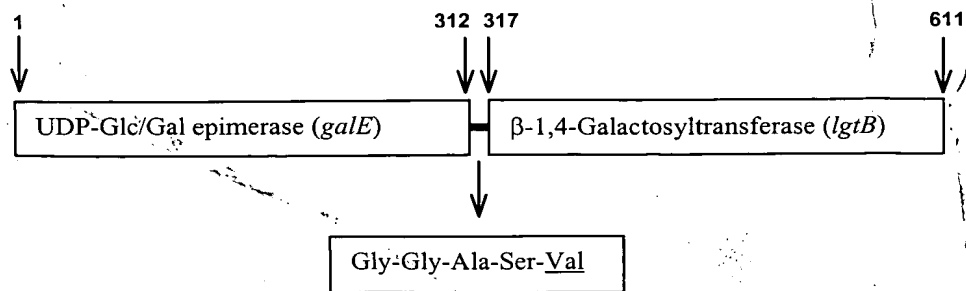
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1  ATGCAAAACACGTTATCAGCTTAGCTTCCGCCGAGAACGCAGGGCGCACATTGCCGAT
   +-----+-----+-----+-----+-----+-----+
60  TACGTTTTGTGCAATAGTCGAATCGAAGGCGGCGTCTGCGTCCCGCGTGAACGGCTA
   M Q N H V I S L A S A A E R R A H I A D -
61  ACCTTCGGCAGGCACGGCATCCCGTTTCAGTTTTTCGACGCACTGATGCCGTCTGAAAGG
   +-----+-----+-----+-----+-----+-----+
120  TGGAAGCCGTCCCGTGCCGTAGGGCAAAGTCAAAAAGCTGCGTGACTACGGCAGACTTTCC
   T F G R H G I P F Q F F D A L M P S E R -
121  CTGGAACAGGCAATGGCGGAACCTCGTCCCCGGCTTGTGCGCGCACCCCTATTTGAGCGGA
   +-----+-----+-----+-----+-----+-----+
180  GACCTTGTCCGTTACCGCCTTGAGCAGGGGCCGAACAGCCGCTGGGGATAAACTCGCCT
   L E Q A M A E L V P G L S A H P Y L S G -
181  GTGGA AAAAGCCTGCTTTATGAGCCACGCCGTATTGTGGAAGCAGGCATTGGACGAAGGT
   +-----+-----+-----+-----+-----+-----+
240  CACCTTTTTCGGACGAAATACTCGGTGCGGCATAACACCTTCGTCCGTAACCTGCTTCCA
   V E K A C F M S H A V L W K Q A L D E G -
241  CTGCCGTATATCACCGTATTTGAGGACGACGTTTTACTCGGCGAAGGTGAGGAAAAATTCT
   +-----+-----+-----+-----+-----+-----+
300  GACGGCATATAGTGGCATAAACTCCTGCTGCAAAATGAGCCGCTTCCACTCCTTTTAAAG
   L P Y I T V F E D D V L L G E G E E K F -
301  CTGCGCGAAGACGCTTGGCTGCAAGAACGCTTTGACCCGGATACCGCCTTTATCGTCCGC
   +-----+-----+-----+-----+-----+-----+
360  GAACGGCTTCTGCGAACCGACGTTCTTGCGAAACTGGGCGCTATGGCGGAAATAGCAGGCG
   L A E D A W L Q E R F D P D T A F I V R -
361  TTGGAACGATGTTTATGCACGTCCTGACCTCGCCCTCCGGCGTGGCGGATTACTGCGGG
   +-----+-----+-----+-----+-----+-----+
420  AACCTTTGCTACAAATACGTGCAGGACTGGAGCGGGAGCGCCGACCGCCTAATGACGCCC
   L E T M F M H V L T S P S G V A D Y C G -
421  CGCGCCTTTCCGCTGTTGGAAGCGAACACTGGGGGACGGCGGGCTATATCATTTCCTCGA
   +-----+-----+-----+-----+-----+-----+
480  GCGCGGAAAGGCGACAACTTTTCGCTTGTGACCCCTCGCGCCCGATATAGTAAAGGGCT
   R A F P L L E S E H W G T A G Y I I S R -
481  AAAGCGATGCGGTTTTTTCCTGGACAGGTTTGCCGCCCTGCGCCCGAAGGGCTGCACCCC
   +-----+-----+-----+-----+-----+-----+
540  TTTGCTACGCCAAAAGGACCTGTCCAAACGGCGGGACGGCGGGCTTCCCGACGTGGGG
   K A M R F F L D R F A A L P P E G L H P -
541  GTCGATCTGATGATGTTTCAGCGATTTTTTCGACAGGGAAGGAATGCCGTTTGCCAGCTC
   +-----+-----+-----+-----+-----+-----+
600  CAGCTAGACTACTACAAGTCGCTAAAAAGCTGTCCCTTCCTTACGCCAAACGGTCGAG
   V D L M M F S D F F D R E G M P V C Q L -
601  AATCCCGCCTTGTGCGCCCAAGAGCTGCATTATGCCAAGTTTCACGACCAAAACAGCGCA
   +-----+-----+-----+-----+-----+-----+
660  TTAGGGCGGAACACGCGGGTTCTCGACGTAATACGGTTCAAAGTGCTGGTTTTGTGCGGT
   N P A L C A Q E L H Y A K F H D Q N S A -
661  TTGGGCGAGCCTGATCGAACACGACCGCCTCCTGAACCGCAAACAGCAAAGGCGCGATTCC
   +-----+-----+-----+-----+-----+-----+
720  AACCCGTCGGACTAGCTTGTGCTGGCGGAGGACTTGGCGTTTGTGCTTTCCGCGCTAAGG
   L G S L I E H D R L L N R K Q Q R R D S -
721  CCCGCCAACACATTCAAACACCGCCTGATCCGCGCCTTGACCAAAATCAGCAGGGAAAGG
   +-----+-----+-----+-----+-----+-----+
780  GGGCGTTGTGTAAGTTTGTGGCGGACTAGGCGCGGAAGTGGTTTAGTCGTCCCTTTCC
   P A N T F K H R L I R A L T K I S R E R -
781  GAAAAACGCCGCGCAAAGGCGGAACAGTTTCATTGTGCCTTTCCAATAA
   +-----+-----+-----+-----+-----+-----+
828  CTTTTGCGGCGGTTTCCGCGCTTGTCAAGTAACACGGAAGGTTATT
   E K R R Q R R E Q F I V P F Q * -

```

CCF600

Figure 3



2003 年 1 月 1 日 至 2003 年 12 月 31 日止
 2003 年 1 月 1 日 至 2003 年 12 月 31 日止
 2003 年 1 月 1 日 至 2003 年 12 月 31 日止

- 5' GGGACAG**GGATCC**ATCGATGCTTAGGAGGTCAT**ATG**GCAATTTTAGTATTAGGTGGAGC 3'
- BamHI Met

- 5' GGGGGG**GCTAGCGCCG**CTCCTCGATCATCGTACCCTTTTGG 3'
NheI Gly Gly

- 5' GGGGGG**GCTAGCGT**GCAAACCGTTATCAGCTTAGC
NheI · Val

- 5' GGGGGG**GTCGAC**CTATTATTGGAAAGGCACAATGAACTGTTCGCG
SalI

- #### E. Junction region of the *galE-lgtB* fusion

galE NheI *lgtB*

5' CCA	AAA	GGG	TAC	GAT	GAT	CGA	GGA	GGC	GGA	GCT	AGC	GTG	CAA	AAC	CAC	GTT	ATC	AGC	TTA	GCT	3'
3' GGT	TTT	CCC	ATG	CTA	CTA	GCT	CCT	CCG	CCT	CGA	TCG	CAC	GTT	TTG	GTG	CAA	TAG	TCG	AAT	CGA	5'
P	K	G	Y	D	D	R	G	G	G	A	S	V	Q	N	H	V	I	S	L	A	